



Water-Data Report NV-2005

09419550 ROGERS SPRING NEAR OVERTON BEACH, NV

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAKE MEAD

LOCATION.--Lat 36°22'36", long 114°26'33" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.12, T.18 S., R.67 E., Clark County, Hydrologic Unit 15010005, on left bank, in Lake Mead National Recreation Area, 6.6 mi southwest of Overton Beach, and 14 mi south of Overton on North Shore Road.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Aug 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,560 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Minor temporary regulation of flow for human recreation upstream, animal use, and rain events.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26 ft³/s, Aug 16, 1990, from rating curve extended above 2.2 ft³/s, on basis of velocity-area study; minimum daily, 0.90 ft³/s, Aug 25, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4.0 ft³/s, Feb 22, gage height, 1.19 ft; minimum daily discharge, 1.6 ft³/s, on many days.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.6	1.6	1.7	e1.6	e1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7
2	1.6	1.6	1.7	e1.6	e1.7	1.8	1.8	1.7	1.7	1.6	1.7	1.6
3	1.6	1.6	1.7	e1.6	e1.7	1.8	1.8	1.7	1.7	1.6	1.7	1.7
4	1.6	1.6	1.7	e1.6	1.8	1.8	1.8	1.7	1.7	1.6	1.7	1.6
5	1.6	1.6	1.7	e1.6	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
6	1.6	1.6	1.7	e1.6	1.8	1.8	1.8	1.7	1.7	1.6	1.7	1.6
7	1.6	1.6	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6
8	1.6	1.6	1.7	e1.6	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6
9	1.6	1.6	1.7	e1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6
10	1.6	1.6	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6
11	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6
12	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6
13	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6
14	1.6	1.6	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
15	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
16	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
17	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
18	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6
19	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.6	1.7	1.6
20	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.6	1.7	1.6
21	1.6	1.7	1.7	e1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6
22	1.6	1.7	1.7	e1.7	1.9	1.8	1.9	1.7	1.7	1.6	1.7	1.6
23	1.6	1.7	1.7	e1.7	1.8	1.8	1.9	1.7	1.7	1.7	1.7	1.6
24	1.6	1.7	e1.6	e1.7	1.8	1.8	1.9	1.7	1.7	1.7	1.7	1.6
25	1.6	1.7	e1.6	e1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6
26	1.6	1.7	e1.6	e1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6
27	1.7	1.7	e1.6	e1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6
28	1.6	1.7	e1.6	e1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6
29	1.6	1.6	e1.6	e1.7	---	1.8	1.7	1.6	1.7	1.7	1.7	1.6
30	1.6	1.7	e1.6	e1.7	---	1.8	1.7	1.7	1.7	1.7	1.7	1.6
31	1.6	---	e1.6	e1.7	---	1.8	---	1.7	---	1.7	1.8	---
Total	49.7	49.8	51.9	52.0	50.2	55.8	53.5	52.6	51.0	51.9	52.2	48.2
Mean	1.60	1.66	1.67	1.68	1.79	1.80	1.78	1.70	1.70	1.67	1.68	1.61
Max	1.7	1.7	1.7	1.7	1.9	1.8	1.9	1.7	1.7	1.7	1.8	1.7
Min	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.6	1.7	1.6	1.6	1.6
Ac-ft	99	99	103	103	100	111	106	104	101	103	104	96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1.69	1.68	1.66	1.65	1.67	1.64	1.63	1.63	1.67	1.67	1.68	1.66
Max	1.85	1.92	1.89	2.16	2.28	1.94	1.82	1.80	1.89	1.88	2.02	1.91
(WY)	(2000)	(1991)	(1993)	(1993)	(1993)	(1993)	(2000)	(1995)	(1993)	(1993)	(1993)	(1993)
Min	1.54	1.55	1.43	1.27	1.23	1.25	1.22	1.37	1.46	1.38	1.35	1.46
(WY)	(1996)	(1997)	(1997)	(1986)	(1992)	(1987)	(1987)	(1992)	(1992)	(1992)	(1992)	(1989)

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	Calendar Year 2004	Water Year 2005		Water Years 1985 - 2005	
Annual total	603.8		618.8		
Annual mean	1.65		1.70		1.66
Highest annual mean					1.88
Lowest annual mean					1.47
Highest daily mean	1.7	Jan 14	1.9	Feb 22	2.8 Aug 16, 1990
Lowest daily mean	1.6	Jan 1	1.6	Oct 1	0.90 Aug 25, 1992
Annual seven-day minimum	1.6	Jan 1	1.6	Oct 1	1.1 Feb 25, 1986
Maximum peak flow			4.0	Feb 22	26 Aug 16, 1990
Maximum peak stage			1.19	Feb 22	3.31 Aug 16, 1990
Annual runoff (ac-ft)	1,200		1,230		1,200
10 percent exceeds	1.7		1.8		1.8
50 percent exceeds	1.6		1.7		1.7
90 percent exceeds	1.6		1.6		1.5